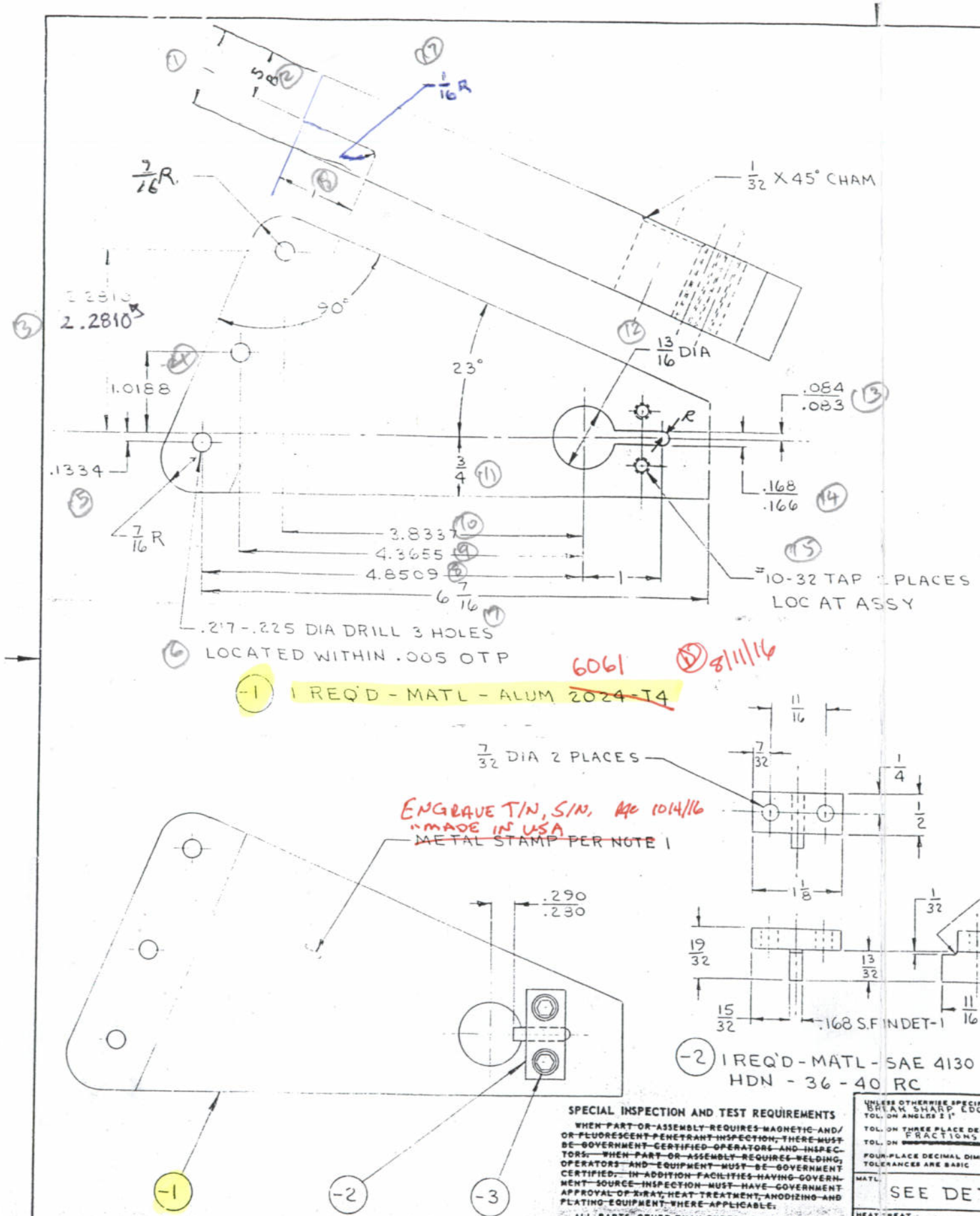

6795974

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVAL

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CONTROLLED DOCUMENT

AUG 04 2016

JOB NUMBER 01-5058

CONTROLLED DOCUMENT

AUG 04 2016

JOB NUMBER 01-5058

These tool drawings are furnished in accord with the terms of the DDA Tools Release Agreement. The aperture cards or drawings are to be maintained in the custody of the recipient and shall not be disclosed to any third party without specific written consent of Detroit Diesel Allison Division of GMC.

DET NO.	SHT NO.	MATL	DESCRIPTION	NO. REQD
-3	1	PURCH	SCREW- #10-32 X .50 LG SOC. HD CAP SCR	2
-2	1	SAE 4130	ALIGNING KEY	1
-1	1	ALUM 2024-T4	HOLDING ARM	1

6795974

SHT 1 OF 1

NOTE:

1. METAL STAMP IN LOCATION SHOWN WITH 1/8 - 3/16 HIGH FIGURES THE FOLLOWING. (a) TOOL NO. & LAST CHANGE LETTER PRECEDED BY WORD "ALLISON". (b) VENDOR'S NAME OR TRADEMARK.
2. CADMIUM PLATE DETAIL -2 PER AMS 2400. DIM. MUST BE MET AFTER PLATING. PLATE DET. PRIOR TO ASSY. ANODIZE DETAIL -1 PER AMS 2470.

EACH ITEM PURCHASED SEPARATELY MUST BE STAMPED OR ETCHED WITH TOOL NUMBER AND DETAIL NUMBER. IF SUITABLE OR SUFFICIENT AREA NOT AVAILABLE, ATTACH TAG.

NUMBER	SPEC SUMMARY (REF)
AMS 2470	
AMS 2400	

RELEASED FOR PROD.
DATE: 6/24/62 INT: JA

SPECIAL INSPECTION AND TEST REQUIREMENTS

~~WHEN PART OR ASSEMBLY REQUIRES MAGNETIC AND/OR FLUORESCENT PENETRANT INSPECTION, THERE MUST BE GOVERNMENT CERTIFIED OPERATORS AND INSPECTORS. WHEN PART OR ASSEMBLY REQUIRES WELDING, OPERATORS AND EQUIPMENT MUST BE GOVERNMENT CERTIFIED. IN ADDITION FACILITIES HAVING GOVERNMENT SOURCE INSPECTION MUST HAVE GOVERNMENT APPROVAL OF X-RAY, HEAT TREATMENT, ANODIZING AND PLATING EQUIPMENT, WHERE APPLICABLE.~~

ALL PARTS, OTHER THAN EXPERIMENTAL, MANUFACTURED OR PROCURED TO THIS DRAWING INCLUDING REPLACEMENT SPARES, ARE SUBJECT TO QUALITY CONTROL PER SPECIFICATION MIL-Q-9858 AND USAF SPEC NOTICES THERETO, AND TO TESTING PER SPECIFICATIONS AND BULLETINS GOVERNING THE QUALIFICATION, APPROVAL AND RELIABILITY OF ALLISON PRODUCTS. MRB PROCEDURES MUST INCLUDE PARTICIPATION BY ALLISON ENGINEERING AND QUALITY CONTROL REPRESENTATIVES UNLESS OTHERWISE AUTHORIZED BY ALLISON.

USED ON ENGINE MODELS: T63-A5, YT63-A-5

UNLESS OTHERWISE SPECIFIED BREAK SHARP EDGES 1/32	APPROVALS	DATE	ALLISON DIVISION GENERAL MOTORS CORPORATION INDIANAPOLIS, INDIANA
TOL. ON ANGLES ± 1°	DRAWN J.E. Burch	6-20-62	
TOL. ON THREE PLACE DECIMALS ± .010	CHECKED WAG	6-26-62	
TOL. ON FRACTIONS ± 1/64	CHF. DR. BM7	6-26-62	TITLE FIXTURE-ALIGNING, TORQUEMETER SUPPORT SHAFT
FOUR-PLACE DECIMAL DIMENSIONS WITHOUT TOLERANCES ARE BASIC	METALLURGY		
MATL SEE DET	ENGR. 1 JHS	6-26-62	
HEAT TREAT SEE DET	ENGR. 2 JHH	6-26-62	MODEL
WELD OR BRAZE	ENGR. 3 EXR 7/9/62 FMS	7-9-62	CODE 73342 SIZE C DWG. NO. 6795974
SURFACE TREATMENT AS NOTED INSPECTION	FINAL RH	7-10-62	SCALE FULL SHEET 1 OF 1
	REVIEW APPROVAL		

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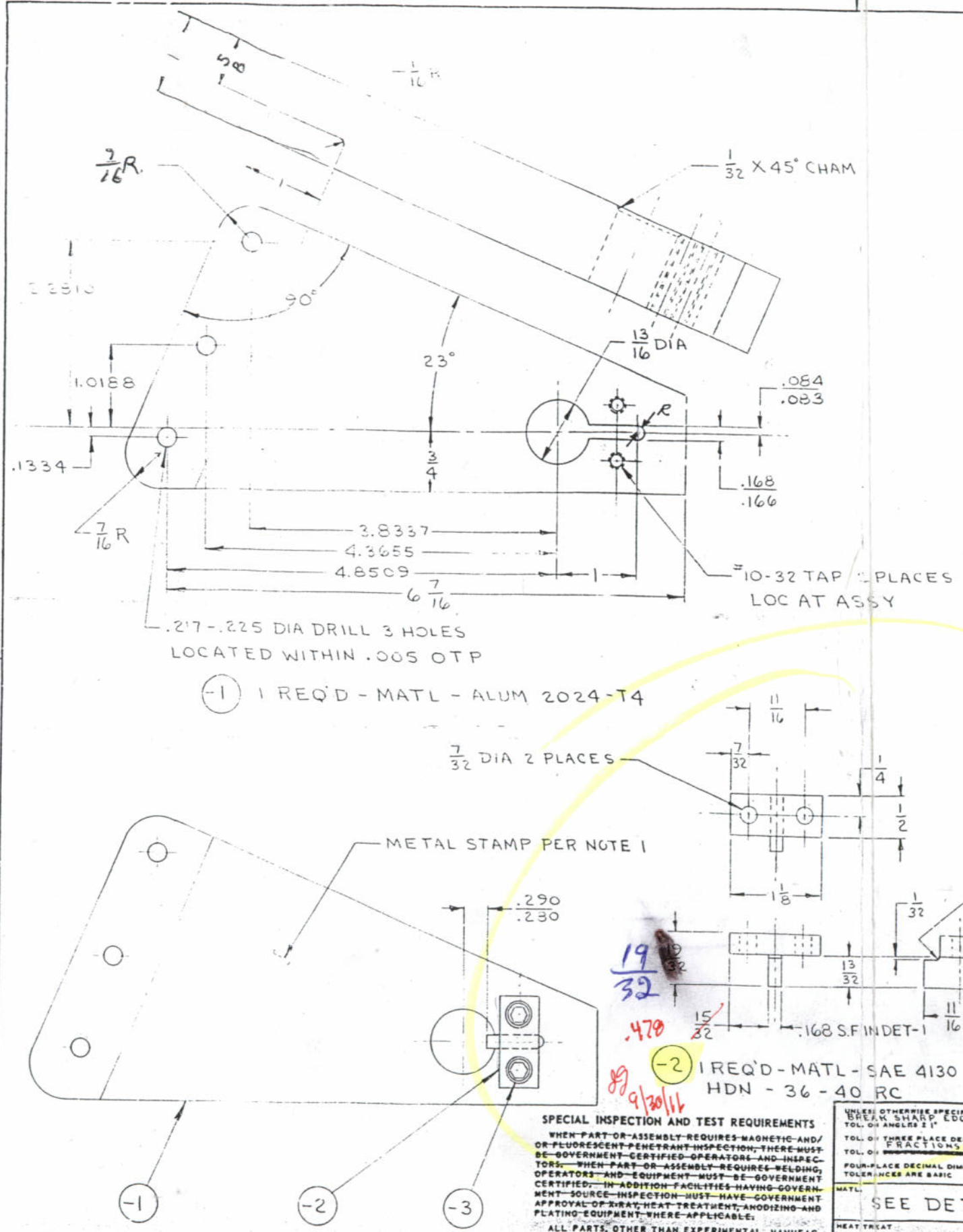

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JOB NUMBER 01-5058

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVAL

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6795974

SHT 1 OF 1

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2. ~~CADMIUM PLATE DETAIL~~ -2 PER AMS 2400. Black Oxide dg 10/19/16 DIM. MUST BE MET AFTER PLATING. PLATE DET. PRIOR TO ASSY. ANODIZE DETAIL -1 PER AMS 2470.

EACH ITEM PURCHASED SEPARATELY MUST BE STAMPED OR ETCHED WITH TOOL NUMBER AND DETAIL NUMBER. IF SUITABLE OR SUFFICIENT AREA NOT AVAILABLE, ATTACH TAG.

NUMBER	SPEC SUMMARY (REF)
AMS 2470	
AMS 2400	

USED ON ENGINE MODELS: T63-A5, YT63-A-5

SPECIAL INSPECTION AND TEST REQUIREMENTS

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UNLESS OTHERWISE SPECIFIED: BREAK SHARP EDGES 1/32; TOL. ON ANGLES ± 1°; TOL. ON THREE PLACE DECIMALS ± .010; TOL. ON FRACTIONS ± 1/64; FOUR-PLACE DECIMAL DIMENSIONS WITHOUT TOLERANCES ARE BASIC

MATL: SEE DET

HEAT TREAT: SEE DET

WELD OR BRAZE

SURFACE TREATMENT: AS NOTED

INSPECTION

APPROVALS		DATE
DRAWN	JC Burch	6-20-62
CHECKED	WAG	6-26-62
CHF. DR.	BMT	6-26-62
METALLURGY		
ENGR. 1	JHS	6-26-62
ENGR. 2	JHH	6-26-62
ENGR. 3	EJR 7/9/62 LMS	7-9-62
FINAL	RJT	7-10-62
REVIEW APPROVAL		

ALLISON DIVISION
GENERAL MOTORS CORPORATION
INDIANAPOLIS, INDIANA

TITLE: FIXTURE - ALIGNING, TORQUEMETER SUPPORT SHAFT

MODEL

CODE	SIZE	DWG. NO.
73342	C	6795974

SCALE FULL SHEET 1 OF 1

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RELEASED FOR PROD.
DATE: 6/24/62 INT: JC